



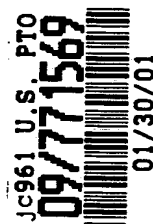
Pat-103 11/97 PTO RECEIPT FOR INDICATED ITEMS

Appln. No.: 0 /  
Inventor(s): CLARKIN, J.P. et al  
Title: DRAWN MICRO....

ENCLOSED:

- ☐ Amendment  
# 1 No. of Pages Abstract  
# 26 No. of Pages Spec and Claims  
# 37 No. of numbered Claims only  
☒ Declaration (2 # pgs)  
☒ Assignment [☒] Cover Sheet  
#      No. of Priority Documents  
# 16 No. Sheets Drawings (fig(s) 1 to 19b) [☒] 1 set Formal  
[ ☐ ] IDS Letter [ ☐ ] cited App. [ ☐ ] Foreign sch rept./OA  
[ ☒ ] PTO-1449 [ ☒ ] cited docs.  
\$ 813 Fee (Check)  
Other:

Atty: DSL/RCP  
Date: Jan. 30, 2001  
C#: 81295  
M#: 277116



CURRENT DUE DATE: Jan. 30, 2001

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AUG 20 2003

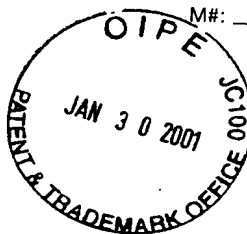
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TECH CENTER 1600/2900

CURRENT DUE DATE: Jan. 30, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING NATIONAL PATENT APPLICATION

Under 35 USC 111(a) and Rule 53(b)

PATENT APPLICATION

Hon. Commissioner of Patents  
Washington, D.C. 20231

WITH SIGNED DECLARATION

NONPROVISIONAL  
NON REISSUE  
NON PCT NAT PHASE



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Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:  
Herewith is the NATIONAL PATENT APPLICATION of  
Inventor(s): CLARKIN, James P. et al

Title DRAWN MICRO CHANNEL ARRAY DEVICES AND  
METHOD OF ANALYSIS USING SAME

Atty. Dkt.: P 00277116  
M#

TECH CENTER 1600/2900

Client Ref

including:

Date: January 30, 2001

1. Specification: 26 pages (only spec. and claims) 2. ☐ Specification in non-English language
3. Declaration ☐ Original ☒ Facsimile/Copy ☒ Abstract 1 page(s); 37 numbered claims
4. ☒ Drawings: 16 sheet(s) ☐ informal; ☒ formal of size: ☒ A4 ☐ 11"
5. ☐ See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not complete corresponding item 5 or 6). (Prior M# \_\_\_\_\_ SN \_\_\_\_\_ )
6. **AMEND the specification** please by inserting before the first line: -- This is a ☐ Continuation-in-Part  
☐ Divisional ☐ Continuation ☐ Substitute Application (MPEP 201.09) of:
- 6(a) ☐ National Appln. No. \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_ (M# \_\_\_\_\_ )
- 6(b) ☐ International Appln. No. \_\_\_\_\_ filed \_\_\_\_\_
- which designated the U.S., and that International Application ☐ was ☐ was not published under PCT Article 21(2) in English.--
7. ☐ **AMEND the specification** by inserting before the first line: -- This application claims the benefit of U.S. Provisional Application No. 60/ \_\_\_\_\_, filed \_\_\_\_\_ --
8. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.
9. ☐ Prior application is assigned to \_\_\_\_\_

by Assignment recorded \_\_\_\_\_ Reel \_\_\_\_\_ Frame \_\_\_\_\_

10. **FOREIGN** priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in \_\_\_\_\_

11. \_\_\_\_\_ (country)

Application No.	Filing Date	Application No.	Filing Date
(1)		(2)	
(3)		(4)	
(5)		(6)	
(7)		(8)	
(9)		<input type="checkbox"/> See 3 <sup>rd</sup> page for additional priorities	

12. \_\_\_\_\_ (No.) Certified copy (copies): ☐ attached; ☐ previously filed (date) \_\_\_\_\_  
in U.S. Application No. \_\_\_\_\_ / \_\_\_\_\_ filed on \_\_\_\_\_
13. Small entity status ☐ is not claimed; ☒ is claimed (**Pre-filing confirmation required**)
- 13(a). ☐ Attached: \_\_\_\_\_ (No.) Small Entity Statement(s) (since 9/8/00 small entity statement(s) not essential to make claim)

14. **DOMESTIC/INTERNATIONAL** priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1) 60/254881	December 13, 2000	(4)	
(2)		(5)	
(3)		(6)	

15. ☐ This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16. ☒ Attached: Form PTO-1449 listing the enclosed documents

17. ☐ Preliminary Amendment:

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**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

				Large/Small Entity		Fee Code
18. Basic Filing Fee				\$710/\$355	\$355	101/201
19. Total Effective Claims	47	minus 20 =	*27	x \$18/\$9 =	+ 243	103/203
20. Independent Claims	4	minus 3 =	*1	x \$80/\$40 =	+ 40	102/202
*If answer is zero or less, enter "0"						
21. If any proper multiple dependent claim (ignore improper) is present, add (Leave this line blank if this is a reissue application)				+ \$270/\$135	+ 135	104/204
22. TOTAL FILING FEE ENCLOSED =					\$773	
23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee				+ \$130	+ 0	139
24. If "assignment" box 8 is X'd, add recording fee				+ \$40	+ 40	581
25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No.				+ \$130	+ 0	122
26. TOTAL FEE ENCLOSED =					\$813	

Our Deposit Account No. 03-3975

Our Order No. 81295 C# 0277116 M#



00909

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

**This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.**

**Pillsbury Winthrop LLP  
Intellectual Property Group**

By Atty: Robert C. Perez

Reg. No. 39,328

Sig: \_\_\_\_\_

Fax: (202) 822-0944  
Tel: (202) 861-3777

Atty/Sec: RP/mhn

NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

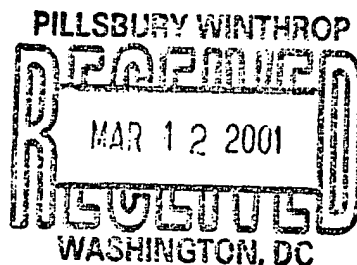


## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/771,561	01/30/2001	1731	773	P 00277116	16	37	4

Pillsbury Winthrop LLP  
Intellectual Property Group  
Ninth Floor, East Tower  
1100 New York Avenue, N.W.  
Washington, DC 20005-3918



CONFIRMATION NO. 1204

## FILING RECEIPT



\*OC000000005840025\*

Date Mailed: 03/08/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

James P. Clarkin, Scottsdale, AZ;  
Gary W. Nelson, Glendale, AZ;  
Robert J. Macomber, Phoenix, AZ;

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## Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/254,881 12/13/2000

AUG 20 2003

TECH CENTER 1600/2900

## Foreign Applications

If Required, Foreign Filing License Granted 03/07/2001

Projected Publication Date: To Be Determined - pending completion of Corrected Papers

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Drawn microchannel array devices and method of analysis using same

**Preliminary Class**

065

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**Data entry by : LEE, KATY**

**Team : OIPE**

**Date: 03/08/2001**

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231